RJP/TMH/AC:kam 11/21/03 229656 Attorney Reference Number 1505-67088 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re a	pplication of: Wagner et al.
Applic	ation No.
Filed:	Herewith
Confir	mation No.
For:	GENES REGULATING CIRCADIAN CLOCK FUNCTION AND PHOTOPERIODISM
Exami	ner:
Art Uı	nit:
Attorn	ey Reference No. 1505-67088

MAIL STOP PATENT APPLICATION COMMISSIONER FOR PATENTS P.O. BOX 1450 ALEXANDRIA, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT FOR CONTINUING APPLICATIONS

Listed on the accompanying forms PTO-1449 are several English-language documents. Applicants respectfully request that these documents be listed as references cited on the issued patent.

The present application relies upon U.S. Patent Application No. 09/746,801, which was filed December 20, 2000, which is a continuation-in-part of Application No. 09/513,057, filed February 24, 2000, now Patent No. 6,433,251, which is a continuation-in-part of International Application No. PCT/US99/18747, filed August 17, 1999, which claims the benefit of Provisional Application No. 60/096,802, filed August 17, 1998, for an earlier filing date under 35 U.S.C. §120. Furthermore, documents listed on the accompanying form PTO-1449 were disclosed to or cited by the Patent Office in the earlier U.S. application.

Copies of the documents listed on the accompanying form PTO-1449 that were cited by applicants in an earlier application need not be sent to the Patent Office pursuant to 37 C.F.R. §1.98. However, applicants will furnish the Patent Office with copies upon request.

The following documents listed on the accompanying form PTO-1449 were cited by the Patent Office in U.S. Patent Application No. 09/746,801: US 5,563,032; Carré, "ELF3: a circadian safeguard to buffer effects of light," *Plant Science* 7(1):4-6, 2002; Covington *et al.*,

RJP/TMH/AC:kam 11/21/03 229656 Attorney Reference Number 1505-67088 PATENT

"ELF3 modulates resetting of the circadian clock in Arabidopsis," *Plant Cell* 13:1305-1315, 2001; **GardenWeb Glossary of Botanical Terms**, at glossary.gardenweb.com/glossary/, accessed January 6, 2003; **Hicks** *et al.*, "Early flowering3 encodes a novel protein that regulates circadian clock function and flowering in Arabidopsis," *The Plant Cell* 13:1281-1292, 2001; **Hill** *et al.*, "Functional analysis of conserved histidines in ADP-glucose pyrophosphorylase from *Escherichia coli*," *Biochemical and Biophysical* 244:573-577, 1998; **Lazar** *et al.*, "Transforming growth factor α: mutation of aspartic acid 47 and leucine 48 results in different biological activities," *Molecular and Cellular Biology* 8:1247-1252, 1988; **Town** *et al.*, Accession No. BH456629, 12/12/2001. Copies of these documents are enclosed.

The following documents listed on the accompanying form PTO-1449 were cited by the Patent Office in U.S. Patent Application No. 09/513,057 (now Patent No. 6,433,251), which was filed on February 24, 2000: Chen et al., "Minimal regions in the Arabidopsis Pistillata promoter responsive to the Apetala3/pistillata feedback control do not contain a CArG box," Sex Plant Reprod., pp. 85-94, 2000; Donald et al., "Mutation of either G box or I box sequences profoundly affects expression from the Arabidopsis rbcS-1A promoter," The EMBO Journal 9(6):1717-1726, 1990; Tymms et al., "A novel epithelial-expressed ETS gene, ELF3: human and murine cDNA sequences, murine genomic organization, human mapping to 1q32.2 and expression in tissues and cancer," Oncogene 15:2449-2462, 1997; and Rounsley et al., GenBank Accession No. B28787, 1997. Copies of these documents are enclosed.

The filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, prior art or otherwise material to patentability as defined in 37 C.F.R. §1.56.

Respectfully submitted,

KLAROUIST SPARMAN, LZP

Ву

Panya M. Harding, Ph.D. Registration No. 42,630

One World Trade Center, Suite 1600 121 S.W. Salmon Street Portland, Oregon 97204 Telephone: (503) 226-7391

Facsimile: (503) 228-9446

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

1505-67088	
Not assigned	_
Herewith	
Wagner	_
Not assigned	
Not assigned	
	Not assigned Herewith Wagner Not assigned

U.S. PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Number	Date	Name
		4,990,607 A	2/1991	Katagiri et al.
		5,563,032 A	10/1996	Fields et al.
		5,811,536 A	9/1998	Yanofsky
		6,002,069 A	12/1999	Yanofsky

FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Number	Date	Country	
		WO 00/09658	2/2000	WO	
Examiner's Initials*	Cite No.		OTHER DOCUM	ENTS	
		Carré, "ELF3: a circadian safeguard to buffer effects of light," <i>Plant Science</i> 7(1):4-6, 2002.			
	Chen et al., "Minimal regions in the Arabidopsis Pistillata promoter responsible Apetala3/pistillata feedback control do not contain a CArG box," Sex Plant pp. 85-94, 2000.				
		Covington et al., "ELF3 modulates resetting of the circadian clock in Arabidopsis," Place Cell 13:1305-1315, 2001. Donald et al., "Mutation of either G box or I box sequences profoundly affects express from the Arabidopsis rbcS-1A promoter," The EMBO Journal 9(6):1717-1726, 1990.			
		GardenWeb Glossary of Botanical Terms, at glossary.gardenweb.com/glossary/, accessed January 6, 2003.			

AT AN A	DATE CONSIDERED:

^{*} Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT		Attorney Docket Number	1505-67088
		Application Number	Not assigned
		Filing Date	Herewith
	BY APPLICANT	First Named Inventor	Wagner
		Art Unit	Not assigned
		Examiner Name	Not assigned
	Tymms et al., "A novel epithelial-expressed ETS gene, ELF3: human and murine cDNA sequences, murine genomic organization, human mapping to 1q32.2 and expression in tissues and cancer," Oncogene 15:2449-2462, 1997. Wang and Tobin, "Constitutive Expression of the CIRCADIAN CLOCK ASSOCIATED 1 (CCA1) Gene Disrupts Circadian Rhythms and Suppresses Its Own Expression," Cell, 93:1207-1217, 1998. Weigel et al., "LEAFY Controls Floral Meristem Identity in Arabidopsis," Cell 69:843-859, 1992. Zagotta et al., "The Arabidopsis ELF3 gene regulates vegetative photomorphogenesis and the photoperiodic induction of flowering," Plant J. 10(4):691-702, 1996.		
	Zagotta et al., "Early-flowering Mutants of Arabidopsis thaliana," Aust. J. Plant Physiol. 19:411-418, 1992.		

EXAMINER	DATE
SIGNATURE:	CONSIDERED:
	CONSIDERED.

^{*} Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

	Attorney Docket Number	1505-67088	
	Application Number	Not assigned	
INFORMATION DISCLOSURE STATEMENT	Filing Date	Herewith	
BY APPLICANT	First Named Inventor	Wagner	
	Art Unit	Not assigned	
	Examiner Name	Not assigned	
Foden-Vencil, "Oregon research tea Science section, 1992.	_		
"UO Molecular Biologist Studying (Technology Institute, University of (ver," Advance Science &	
Hicks et al., "Arabidopsis early-flow		le levels of regulation in	
the vegetative-to-floral transition," (Cell Dev. Biol., 7:409-418, 1	996.	
Hicks et al., "Early flowering3 enco function and flowering in Arabidops	des a novel protein that regulis," The Plant Cell 13:1281-	lates circadian clock -1292, 2001.	
Mutant," Science, 274:790-792, 199	Hicks et al., "Conditional Circadian Dysfunction of the Arabidopsis early-flowering 3 Mutant," Science, 274:790-792, 1996.		
	Hill et al., "Functional analysis of conserved histidines in ADP-glucose		
1998.			
Lazar et al., "Transforming growth for results in different biological activities 1988.	Lazar et al., "Transforming growth factor α: mutation of aspartic acid 47 and leucine 48 results in different biological activities," <i>Molecular and Cellular Biology</i> 8:1247-1252, 1988.		
Newman et al., 21244 CD4-14 Arab Accession # N96569, 1998.	Newman et al., 21244 CD4-14 Arabidopsis thaliana cDNA clone F5H5T3, GenBank Accession # N96569, 1998.		
Puzio et al., "A New Nematode Respondent SPTREML-11, O04419, 1997.	Puzio et al., "A New Nematode Responsible Gene in Arabidopsis Thaliana," Database		
Puzio et al., "Isolation of a gene from structures," Gene, 239:163-175, 199	Puzio et al., "Isolation of a gene from Arabidopsis thaliana related to nematode feeding		
Puzio et al., Nematode Responsive I	Protein, EMBL Accession N	o. Y11994, 1997.	
Puzio et al., Database Genebank, Ac	cession number O04419, 19	97.	
Rounsley et al., GenBank Accession	No. B28787, 1997.		
Schaffer et al., "The late elongated has Rhythms and the Photoperiodic Con	trol of Flowering," Cell 93:1	1219-1229, 1998.	
Shannon et al., "A Mutation in the A Meristem Development," The Plant	rabidopsis TFL1 Gene Affe	cts Inflorescence	
Town et al., Accession No. BH4566	29, 12/12/2001.		

EXAMINER SIGNATURE:	DATE CONSIDERED:

^{*} Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.